AMENDMENTS TO THE CLAIMS

Please add or amend the claims to read as follows, and cancel without prejudice or disclaimer to resubmission in a divisional or continuation application claims indicated as cancelled:

1. (Amended) A rotating cultivation system for holding a plurality of ~~trays~~ cultivation beds enabling ~~the movement of each tray~~a rotation of said beds ~~to specific location~~, said system ~~comprised of~~comprising:

at least one central rotating mechanism and at least one external rotating wheel;

a plurality of secondary wheel assemblies connected to the external rotating wheel that allows rotation of said assemblies around the external rotating wheel's axis, wherein each assembly holds at least one cultivation bed and

at least one stand, supporting each external wheel, where said stand comprises bearings, where said external wheel is mounted upon said bearings that allow the external wheel to rotate, wherein the rotation of the external rotating wheel causes the whole apparatus to rotate around the central axis of said wheel; and

wherein each assembly is connected to said at least one central rotating mechanism by at least one frame enabling each assembly to rotate around its own axis, wherein the rotation of said assemblies around the external wheel's axis is independent of said assemblies' rotation around their own axes.

~~a main wheel assembly having a rotating mechanism at the central axis controlled by a motor and at least two frames having supporting spokes projecting from the central axis wherein each spoke holds a tray.~~

2. (Amended) The system of claim 1 ~~further comprising of a~~wherein each ~~-~~secondary wheel assembli~~es~~y ~~each having~~includes a central axis and at least two frames of spokes extending from the ~~secondary~~ central axis of the wheel wherein each spoke holds ~~a trayа~~ cultivation bed.

3. (Canceled)

4. (Amended) The cultivation system of claim ~~3~~ 1 wherein the rotation of all secondary wheel assemblies is controlled by ~~a~~ the central rotating mechanism which includes a second motor and a gear assembly enabling the rotation of all secondary wheel assemblies substantially simultaneously.

5. (Amended) The cultivation system of claim ~~4~~ 3 wherein ~~wherein the gear assembly is mounted on the same axis of the main wheel~~ said second motor and gear assembly are mounted on the external rotating wheel.~~assembly utilizing ball bearings for differentiating the movement of the gear assembly from the movement of the main wheel assembly~~.

6. (Original) The cultivation system of claim 3 wherein the central rotating mechanism transfers the rotational movement through gears and shafts wherein a main gear rotates respective small gears and each small gear transfers the motion to a respective secondary wheel assembly through the shaft rotation.

7. (Original) The cultivation system of claim 3 wherein the central rotating mechanism transfers the rotational movement through gears and chains wherein a main gear rotates respective small gears and each small gear transfers the motion to a respective secondary wheel assembly through the chain movement.

8. (Amended) The cultivation system of claim 3 wherein the rotation of each secondary wheel assembly is controlled by a single different rotating mechanism, which includes a second motor and a gear enabling separate rotation control upon each secondary wheel assembly.

9. (Canceled)

10. (Amended) The cultivation system of claim ~~2~~ 1 wherein the secondary wheel assemblies are shaped as big cogwheels positioned in proximity to one another for enabling ~~one of the~~each secondary wheel assembly to rotate ~~all other~~ adjacent secondary wheels assemblies.

11. (Amended) The cultivation system of claim 1 wherein the ~~trays~~ cultivation beds contain cultivation beds for growing mushrooms.

12. (Amended) The cultivation system of claim 1 wherein the ~~trays contain~~ cultivation beds are utilized for growing agricultural products.

13. (Amended) The cultivation system of claim ~~2~~ 1 wherein adjacent secondary wheel assemblies rotate in opposite directions in synchronization.

14. (Canceled)

15. (Amended) The cultivation system of claim ~~8~~7, wherein the motors are located on the triangular stand.

16. (Canceled)

17. (Amended) The cultivation system of claim 1 wherein the ~~main wheel assembly includes~~ secondary wheel assemblies having at least two series each of at ~~lesate~~least three un-successive secondary wheels, wherein each series is connected by at least one ~~single~~ frame to ~~a single~~the ~~axis~~central rotating mechanism, wherein a gearing

mechanism rotated by a at least one motor, rotates ~~each~~ the series ~~through the respective axis~~around said axis in opposite rotation directions~~, wherein each secondary wheel assembly has a central axis and at least two frames of spokes extending from the secondary axis wherein each spoke holds a tray~~.

18. (Amended) The cultivation system of claim 1 wherein ~~the main wheel assembly includes of two concentric wheels: a central rotating wheel and an external rotating wheel , whereas each~~said ~~of them~~ external rotating wheel is rotated by ~~an individual~~ motor.

19. (Canceled)

20. (Canceled)

21. (canceled)

22. (New) The cultivation system of claim 1 wherein triangle holders hold un-successive secondary wheel assemblies, wherein each said assembly is connected to respective vertex of said triangle, wherein each said triangle connects to a different side of the central rotating mechanism through at least one gear to allow said triangle holders to rotate in opposite rotation direction.

23. (New) The cultivation system of claim 1 wherein two sets of connected frames hold un-successive secondary wheel assemblies.

24. (New) The cultivation system of claim 1 wherein said secondary wheel assemblies are tangential to the external wheel.

25. (New) The cultivation system of claim 1 wherein said each frame that holds each assembly is a rod.

26. (New) The cultivation system of claim 13 wherein each secondary wheel assembly has a central axis and at least two frames of spokes extending from the secondary axis wherein each spoke holds at least one cultivating bed.

27. (New) The cultivation system of claim 1, wherein said central rotation mechanism is a hexagon frame connected to at least one rotating motor and at least one gear set, enabling rotating the secondary wheel assembly.

28. (New) The cultivation system of claim 1 wherein said cultivation beds are detachable, wherein each said bed is fastened to said assembly by a fastening mechanism that allows removal and replacing of said beds.